Terms used **interactive query slider** Found **17** of **399 searched out of 399.**

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1 Queries-R-Links: graphical markup for test navigation

Gene Golovchinsky, Mark Chignell

May 1993 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Publisher: ACM Press

Full text available: pdf(809.83 KB) Additional Information: full citation, abstract, references, citings, index terms

In this paper we introduce a style of interaction (interactive querying) that combines features of hypertext with Boolean querying, using direct markup of text to launch queries. We describe two experiments that compare the relative ease of expressing Boolean queries as text versus a graphical equivalent. The results of these experiments show that the expression of queries in the graphical format is no more difficult than the textual equivalent. We then describe the Queries-R-Links system t ...

Keywords: hypertext, navigation, pen-based interaction, querying, text retrieval

2 Enhanced dynamic queries via movable filters

Ken Fishkin, Maureen C. Stone

May 1995 **Proceedings of the SIGCHI conference on Human factors in computing systems**

Publisher: ACM Press/Addison-Wesley Publishing Co.

Full text available: html(32.97 KB) Additional Information: full citation, references, citings, index terms

3 Automatic generation of starfield displays using constraints

Scott E. Hudson, Ian Smith

May 1995 **Conference companion on Human factors in computing systems**

Publisher: ACM Press

Full text available: pdf(266.14 KB) Additional Information: full citation, references, citings, index terms

4 Pixel-oriented database visualizations

Daniel A. Keim

December 1996 **ACM SIGMOD Record**, Volume 25 Issue 4

Publisher: ACM Press
Full text available: pdf(743.90 KB) Additional Information: full citation, abstract, citings, index terms

In this paper, we provide an overview of several pixel-oriented visualization techniques which have been developed over the last years to support an effective querying and exploration of large databases. Pixel-oriented techniques use each pixel of the display to visualize one data value and therefore allow the visualization of the largest amount of data possible. The techniques may be divided into query-independent techniques which directly visualize the data (or a certain portion of it) an ...

Keywords: visual data mining, visualizing large databases, visualizing multidimensional and multivariate data

5 Image and shape analysis - user interaction: Visualizing the results of interactive queries for geographic data on mobile devices

Stefano Burigat, Luca Chittaro
November 2005 **Proceedings of the 13th annual ACM international workshop on Geographic information systems GIS '05**
Publisher: ACM Press
Full text available: pdf(620.99 KB) Additional Information: full citation, abstract, references, index terms

The capabilities of current mobile computing devices such as PDAs and mobile phones are making it possible to design and develop mobile GIS applications that provide users with geographic data management and cartographic presentations in the field. However, research on how to properly support users who interact with geographic data on mobile devices is still lacking. In this paper, we present an approach to geographic data analysis that allows users to exploit interactive dynamic queries as a te ...

Keywords: GIS, dynamic queries, mobile devices, visualization

6 Flexible information visualization of multivariate data from biological sequence similarity searches

Ed Huai-hsin Chi, John Riedl, Elizabeth Shoop, John V. Carlis, Ernest Retzel, Phillip Barry
October 1996 **Proceedings of the 7th conference on Visualization '96**
Publisher: IEEE Computer Society Press
Full text available: pdf(1.23 MB) Additional Information: full citation, references, citings, index terms
Publisher Site

Keywords: applications of visualization, biomedical visualization, information visualization, multimodal and multidimensional visualization

7 Doctorial Consortium: Interactive querying of time series data

Harry Hochheiser
April 2002 **CHI '02 extended abstracts on Human factors in computing systems**
Publisher: ACM Press
Full text available: pdf(201.47 KB) Additional Information: full citation, abstract, references

Identification of patterns in time series data sets is a task that arises in a wide variety of application domains [4]. This paper presents a user interface for the timebox query model of rectangular regions that specify constraints over time series data sets. A prototype application based on timeboxes is presented. Collaborations with potential users will guide the design of enhanced functionality. Usability tests and controlled experiments will be

conducted to evaluate the timebox query model.

Keywords: dynamic queries, graphical user interface, information visualization, time series

8 Nested user interface components

Ken Perlin, Jon Meyer
November 1999 **Proceedings of the 12th annual ACM symposium on User interface software and technology**
Publisher: ACM Press

Full text available: pdf(141.88 KB) Additional Information: full citation, abstract, references, citings, index terms

Nested User Interface Components combine the concepts of Zooming User Interfaces (ZUIs) with recursive nesting of active graphical user interface widgets. The resulting system of recursively nesting interface components has a number of desirable properties. The level of detail of the view of any widget component and its children, as well as the responsiveness of that component to the user's actions, can be tuned to the current visible size of that component on the screen.We disti ...

Keywords: control hierarchies, nested interfaces, property editing, widgets, zooming user interfaces

9 NewsComm: a hand-held interface for interactive access to structured audio

Deb K. Roy, Chris Schmandt
April 1996 **Proceedings of the SIGCHI conference on Human factors in computing systems: common ground**
Publisher: ACM Press

Full text available: pdf(1.24 MB) html(36.39 KB) Additional Information: full citation, references, citings, index terms

Keywords: audio interfaces, hand-held computers, structured audio

10 Systems: A 2D/3D hybrid geographical information system

Stephen Brooks, Jacqueline L. Whalley
November 2005 **Proceedings of the 3rd international conference on Computer graphics and interactive techniques in Australasia and South East Asia GRAPHITE '05**
Publisher: ACM Press

Full text available: pdf(428.25 KB) Additional Information: full citation, abstract, references, index terms

We present a unique Geographical Information System (GIS) that seamlessly integrates 2D and 3D views of the same spatial and aspatial data. Multiple layers of information are continuously transformed between the 2D and 3D modes under the control of the user, directly over a base-terrain.Although 2D/3D hybrid (or combination) displays are now widely used in medical applications such as tomography, they have not been explored to any great extent in GIS applications. And although many existing comm ...

Keywords: 2D and 3D visualisation, combination display, geographical information systems, navigation

11 Browsing through querying: designing for electronic books

Nipon Charoenkitkarn, Jim Tam, Mark H. Chignell, Gene Golovchinsky
December 1993 **Proceedings of the fifth ACM conference on Hypertext**
Publisher: ACM Press
Full text available: pdf(975.51 KB) Additional Information: full citation, references, citings, index terms

Keywords: electronic books, hand-held computing, information retrieval, pen-based navigation, relevance feedback, text analysis

12 Posters: Combining speech and haptics for intuitive and efficient navigation through image databases

Thomas Käster, Michael Pfeiffer, Christian Bauckhage
November 2003 **Proceedings of the 5th international conference on Multimodal interfaces**
Publisher: ACM Press
Full text available: pdf(239.65 KB) Additional Information: full citation, abstract, references, index terms

Given the size of todays professional image databases, the stan-dard approach to object- or theme-related image retrieval is to in-teractively navigate through the content. But as most users of such databases are designers or artists who do not have a technical back-ground, navigation interfaces must be intuitive to use and easy to learn. This paper reports on efforts towards this goal. We present a system for intuitive image retrieval that features different moda-lities for interaction. Apart f ...

Keywords: content-based image retrieval, fusion of haptics, multimodal interface evaluation, speech, vision processing

13 Research papers: personal information spaces: Magnet: supporting navigation in semistructured data environments

Vineet Sinha, David R. Karger
June 2005 **Proceedings of the 2005 ACM SIGMOD international conference on Management of data**
Publisher: ACM Press
Full text available: pdf(712.51 KB) Additional Information: full citation, abstract, references, index terms

With the growing importance of systems containing arbitrary semi-structured relationships, the need for supporting users searching in such repositories has grown. Currently support for users' search needs either has required domain-specific user interfaces or has required users to be schema experts. We have developed a general-purpose tool that offers users helpful navigation and refinement options for seeking information in these semistructured repositories. We show how a tool can be built with ...

Keywords: information retrieval, metadata, navigation, searching/browsing, semistructured data

14 Laying the foundation for the information super highway: human-computer interaction research

Jim Durbin, Robert Jacob, Ken Hinckley
October 1994 **ACM SIGCHI Bulletin**, Volume 26 Issue 4
Publisher: ACM Press
Full text available: pdf(332.99 KB) Additional Information: full citation, abstract, index terms

On June 13th, the University of Maryland's Human-Computer Interaction Laboratory held its 11th Annual Symposium and Open House, attended by 100-200 visitors. This article reviews the day for those who were unable to attend.

15 Demonstrations: A dynamic query interface for finding patterns in time series data

Harry Hochheiser, Ben Shneiderman
April 2002 **CHI '02 extended abstracts on Human factors in computing systems**
Publisher: ACM Press
Full text available: pdf(305.49 KB) Additional Information: full citation, abstract, references

Identification of patterns in time series data sets is a task that arises in a wide variety of application domains. This demonstration presents the timebox model of rectangular regions that specify constraints for dynamic queries over time series data sets, and the TimeSearcher application, which uses timeboxes as the basis of an interactive query tool.

Keywords: dynamic queries, information visualization, time series

16 Test collections: Building an information retrieval test collection for spontaneous conversational speech

Douglas W. Oard, Dagobert Soergel, David Doermann, Xiaoli Huang, G. Craig Murray, Jianqiang Wang, Bhuvana Ramabhadran, Martin Franz, Samuel Gustman, James Mayfield, Liliya Kharevych, Stephanie Strassel
July 2004 **Proceedings of the 27th annual international ACM SIGIR conference on Research and development in information retrieval SIGIR '04**
Publisher: ACM Press
Full text available: pdf(159.26 KB) Additional Information: full citation, abstract, references, index terms

Test collections model use cases in ways that facilitate evaluation of information retrieval systems. This paper describes the use of search-guided relevance assessment to create a test collection for retrieval of spontaneous conversational speech. Approximately 10,000 thematically coherent segments were manually identified in 625 hours of oral history interviews with 246 individuals. Automatic speech recognition results, manually prepared summaries, controlled vocabulary indexing, and name auth ...

Keywords: assessment, automatic speech recognition, oral history, search-guided relevance

17 Session 1: engineering applications I: A scalable high-performance environment for fluid flow analysis on unstructured grids

Deb Banerjee, Thomas Tysinger, Wayne Smith
November 1994 **Proceedings of the 1994 ACM/IEEE conference on Supercomputing**
Publisher: ACM Press
Full text available: pdf(1.38 MB) Additional Information: full citation, abstract, references

This paper describes an integrated environment for the analysis and solution of fluid flow problems, and contains a Computational Fluid Dynamics (CFD) solver and visualization system as its major components. The flow solver is capable of solving the Navier-Stokes equations about complex geometries through the use of unstructured, solution adaptable, grids. Unlike post-processing visualization environments, the visualization system is designed to work in a co-processing mode with the CFD applicat ...

Results 1 - 17 of 17